

What Is Claimed Is:

1. A femoral prosthesis, comprising:
a femoral stem tapered from a proximal end to a distal end thereof,
said stem having a substantially oval-shaped cross-section along its length
and including a twisted waist portion intermediate its ends whereby major
axes of the oval cross-section located on opposite sides of the waist portion
extend in different directions.
2. A femoral prosthesis according to Claim ¹³1, wherein said stem is
formed of metal.
3. A femoral prosthesis according to Claim ¹³1, wherein said stem is
formed of a biodegradable material.
4. A femoral prosthesis according to Claim 1, wherein the
directions of the major axes are disposed at an angle of substantially 90° with
respect to one another.
5. A femoral prosthesis according to Claim 4, wherein said stem is
formed of metal.
6. A femoral prosthesis according to Claim 4, wherein said stem is
formed of a biodegradable material.
7. A femoral prosthesis according to Claim 1, wherein the twisted
waist portion is located substantially midway between the ends of the stem.
8. A femoral prosthesis according to Claim 7, wherein said stem is
formed of metal.

9. A femoral prosthesis according to Claim 7, wherein said stem is formed of a biodegradable material.

10. A femoral prosthesis according to Claim 1, wherein the twisted waist portion is located substantially midway between the ends of the stem and the directions of the major axes on opposite sides of the waist portion are disposed at an angle of substantially 90° with respect to one another.

11. A femoral prosthesis according to Claim 10, wherein said stem is formed of metal.

12. A femoral prosthesis according to Claim 10, wherein said stem is formed of a biodegradable material.

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